

ZyXEL



Improving Wireless Network Performance with Wider Coverage and High Speed

300Mbps
Draft 802.11n



- **Delivers Data Rates of up to 300 Mbps in 802.11n Draft Mode**
- **Four Operation Modes: AP, Repeater, Bridge and Wireless Client**
- **MAC Address Filtering to Limit Access to the Wireless Network**
- **Supports Wi-Fi Protected Access (WPA/WPA2) and 64/128/152-bit WEP Encryption**

Benefits

Improved Network Speed and Coverage

The ZyXEL NWA570N is a Four-in-one 802.11n Draft 2.0 Wireless Access Point, can be operated in one of the following 4 modes, including AP, client, repeater and point to point bridge. Unlike ordinary wireless networking technologies, draft 802.11n uses the reflections to increase the range and reduce "dead zone" in the wireless coverage area. The NWA570N provides wireless delivery rates of up to 300 Mbps and 4x farther coverage than 802.11g connection. It is designed for users that demand high speed data and multimedia delivery in order to get a better Internet experience with a faster wireless connection to enjoy downloading, video streaming and gaming. It can be also backward compatible with 802.11g and 802.11b wireless networks.

Enhanced Wireless Security and Privacy

In addition to the basic 64/128/152-bit WEP encryption, the NWA570N features the latest wireless security mechanisms to protect your network with 802.1x authentication and Wi-Fi Protected Access Pre-Shared Key (WPA-PSK/WPA2-PSK). These enhanced security functions allow only authorized users to access the network, thus further protecting your data from being tapped during wireless transmission.

Simplify Network Security Setup with One-Touch

The NWA570N supports Wi-Fi Protected Setup (WPS) to simplify network security setup. Users no longer have to define a network identifier (SSID) and pass phrase to enable WPA security; instead, the NWA570N will automatically generate SSIDs and PIN codes. In place of entering a pass phrase, users can authenticate a new device on the network by pressing a button or by entering an automatically generated 4-digit or 8-digit PIN code. With the button option, users only need to press a button on the device and on the AP simultaneously in order to complete the authentication.

Three External Detachable Antennas

The detachable antenna allows you to replace the standard antenna with a reverse SMA connector antenna. It also has the flexibility to meet user demands if high-gain antenna replacements are required.

Wireless N Access Point/Bridge

NWA570N



WIRELESS



Specifications

System Specifications

- Four 10/100 Mbps Ethernet RJ-45 connectors (Auto MDI/MDIX)
- Three external detachable 2 dBi dipole antennas
- IEEE 802.11g wireless LAN standard
- IEEE 802.11b wireless LAN standard
- IEEE 802.11n wireless LAN standard (draft 2.0)(Short Guard Interval/Force Aggregation/RIFS TX)
- Can be operated in one of 4 different modes including AP, Repeater and AP Client and Point to Point/Point to Multi-point bridges
- 64/128/152-bits WEP support
- IEEE 802.1x security (EAP-TLS, EAP-TTLS, EAP-PEAP) only support in AP mode
- Dynamic WEP key exchange

- WPA/WPA2 support
- WMM (Wi-Fi Multi-Media) support
- WPS (Wi-Fi Protected Setup) support (PIN & PBC methods)
- IEEE 802.11i standard support (including AES support)
- MAC address filtering through WLAN (support 32 users)
- Support both Auto and Manual MAC clone
- Limitation setting of client connections
- Block Intra-BSS traffic support
- 4 WDS (Wireless Distribution System) Links in Bridge mode or AP + Repeater mode (Loop-Prevention Algorithm)
- DHCP client
- WEB/TFTP firmware upgrade and configuration backup and restore

Hardware Specifications

- Power Rating: 12 V DC, 1.0 A
- Reset Button
- WPS Button
- LAN: Four 10/100Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support

Physical Specifications

- Dimensions: 190 (W) x 128 (D) x 33 (H) mm
- Weight: 370 g

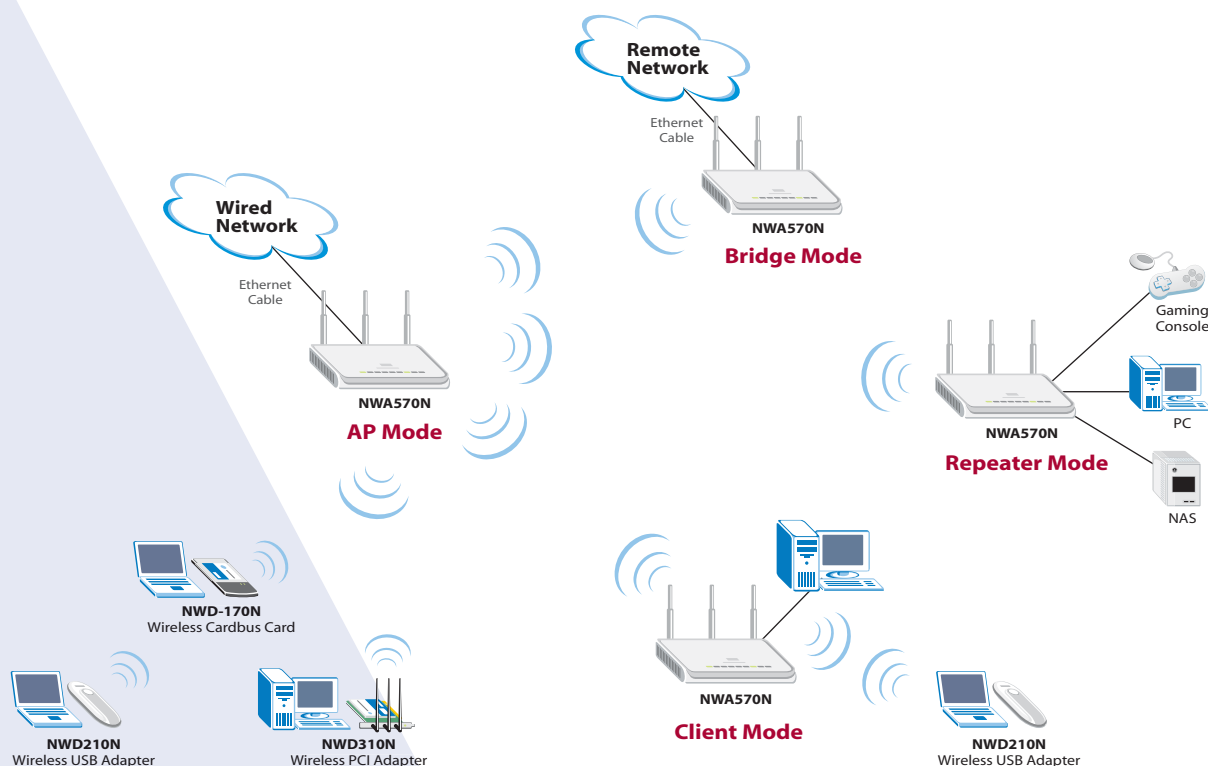
Environmental Specifications

- Operating Temperature: 0°C ~ 50°C
- Operating Humidity: 20% ~ 95% RH
- Storage Temperature: -20°C ~ 60°C
- Storage Humidity: 20% ~ 95% RH

Certification

- FCC/CE/C-Tick/IC/NCC

Application Diagram



For more product information, visit us on the web at www.ZyXEL.com